

**Electronically Recorded**

Official Public Records

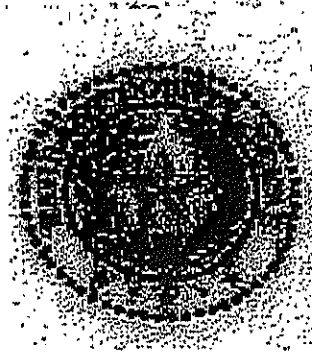
**Tarrant County Texas**

1/18/2011 10:42 AM

**D211013405**

*Mary Louise Garcia*

PGS 5 \$32.00



CHESAPEAKE ENERGY CORP.  
ATTN: RECORDING TEAM  
P.O. BOX 18496  
OKLAHOMA CITY, OK 73154

Submitter: CHESAPEAKE OPERATING, INC

---

SUZANNE HENDERSON  
TARRANT COUNTY CLERK  
TARRANT COUNTY COURTHOUSE  
100 WEST WEATHERFORD  
FORT WORTH, TX 76196-0401

**DO NOT DESTROY**

**WARNING – THIS IS PART OF THE OFFICIAL RECORD**

ELECTRONICALLY RECORDED  
BY ERXCHANGE

---

---

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

**AMENDMENT TO OIL AND GAS LEASE**

THE STATE OF TEXAS           §  
  §       **KNOW ALL MEN BY THESE PRESENTS:**  
COUNTY OF TARRANT       §

WHEREAS, on **August 28th, 2007**, an Oil and Gas Lease was entered into by and between **Sandra S Owen**, whose address is listed as 3101 Vernon Dr, Arlington, TX, 76015, herein called "Lessor(s)"; and **Boterra Resources, LLC**, whose address is P.O. Box 8462 Edmond, Oklahoma 73083, herein called "Lessee"; said Oil and Gas Lease is evidenced by a Memorandum of Oil and Gas Lease which is recorded in the Official Public Records of Tarrant County, Texas as **D207382117**; and,

WHEREAS, the property is described as follows:

**Lot 16, Block 6 of Monties Ranchettes Addition, an Addition to the City of Arlington, Tarrant County, Texas. According to the Plat Recorded in Volume / Cabinet 388-55, Page / Slide 56, Plat Records, Tarrant County, Texas. Said lot 16 containing 0.303 acres of land more or less**

*A subdivision of Tarrant County, State of Texas, also known as: 3101 Vernon Dr; Arlington, TX 76016;*  
and

WHEREAS, Boterra Resources, L.L.C. assigned all of its right, title and interest in and to the lease to Chesapeake Exploration, L.L.C., an Oklahoma limited liability company, whose address is 6100 North Western Avenue, Oklahoma City, Oklahoma 73118; and;

WHEREAS, Total E&P USA, Inc., whose address is 1201 Louisiana Street, Suite 1800, Houston, Texas, 77002, acquired an undivided 25% of Chesapeake's working interest in the aforementioned Lease; and;

WHEREAS, the Lessor(s), Chesapeake Exploration, L.L.C. and Total E&P USA, Inc., their successors and/or assigns, desires to amend said Oil and Gas Lease as set forth below, and

NOW THEREFORE, in consideration of the leased premises and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned do hereby amend the Oil and Gas Lease as follows:

Delete Paragraph 6 in said Lease and replace with the following Pooling Clause:

**"Lessee shall have the right but not the obligation to pool all or any part of the leased premises or interest therein with any other lands or interests, as to any or all depths or zones, and as to any or all substances covered by this lease, either before or after the commencement of production, whenever Lessee deems it necessary or proper to do so in order to prudently develop or operate the leased premises, whether or not similar pooling authority exists with respect to such other lands or interests. The unit formed by such pooling for an oil well which is not a horizontal completion shall not exceed 80 acres plus a maximum acreage tolerance of 10%, and for a gas well or a horizontal completion shall not exceed 640 acres plus a maximum acreage tolerance of 10%; provided that a larger unit may be formed for an oil well or gas well or horizontal completion to conform to any well spacing or density pattern that may be prescribed or permitted by any governmental authority having jurisdiction to do so. For the purpose of the foregoing, the terms "oil well" and "gas well" shall have the meanings prescribed by applicable law or the appropriate governmental authority, or, if no definition is so prescribed, "oil well" means a well with an initial gas-oil ratio of less than 100,000 cubic feet per barrel and "gas well" means a well with an initial gas-oil ratio of 100,000 cubic feet or more per barrel, based on 24-hour production test conducted under normal producing conditions using standard lease separator facilities or equivalent testing**

equipment; and the term "horizontal completion" means a well in which the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights hereunder, Lessee shall file of record a written declaration describing the unit and stating the effective date of pooling. Production, drilling or reworking operations anywhere on a unit which includes all or any part of the leased premises shall be treated as if it were production, drilling or reworking operations on the leased premises, except that the production on which Lessor's royalty is calculated shall be that proportion of the total unit production which the net acreage covered by this lease and included in the unit bears to the total gross acreage in the unit, but only to the extent such proportion of unit production is sold by Lessee. Pooling in one or more instances shall not exhaust Lessee's pooling rights hereunder, and Lessee shall have the recurring right but not the obligation to revise any unit formed hereunder by expansion or contraction or both, either before or after commencement of production, in order to conform to the well spacing or density pattern prescribed or permitted by the governmental authority having jurisdiction, or to conform to any productive acreage determination made by such governmental authority. In making such a revision, Lessee shall file of record a written declaration describing the revised unit and stating the effective date of revision. To the extent any portion of the leased premises is included in or excluded from the unit by virtue of such revision, the proportion of unit production on which royalties are payable hereunder shall thereafter be adjusted accordingly. In the absence of production in paying quantities from a unit, or upon permanent cessation thereof, Lessee may terminate the unit by filing of record a written declaration describing the unit and stating the date of termination. Pooling hereunder shall not constitute a cross-conveyance of interests."

Lessor(s) does hereby adopt, ratify and confirm the Lease, as amended hereby, and does hereby stipulate that the Lease remains in full force and effect. Insofar as is necessary, Lessor(s) does hereby lease, let, and demise to Lessee, its successors and assigns, the lands covered by the Lease, pursuant to the terms and provisions of the Lease.

In the event of a conflict between the provisions contained in this instrument and any other provisions contained in the Lease, the provisions contained in this instrument shall prevail to the extent of such conflict; in all other respects the Lease shall remain in full force and effect.

This instrument may be executed in multiple counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, this instrument is executed as of the date of acknowledgment of the signatures below.

Lessor:

By: Sandra S. Owen  
Sandra S Owen

Lessee(s):

CHESAPEAKE EXPLORATION, L.L.C.

An Oklahoma limited liability company

By: Henry J. Hood  
Henry J. Hood, Sr. Vice President  
Land and Legal & General Counsel

JH VEP  
CHM

TOTAL E&P USA, INC., a Delaware corporation

By: Eric Bonnin  
Eric Bonnin, Vice President  
Business Development and Strategy

ACKNOWLEDGMENT

STATE OF TEXAS

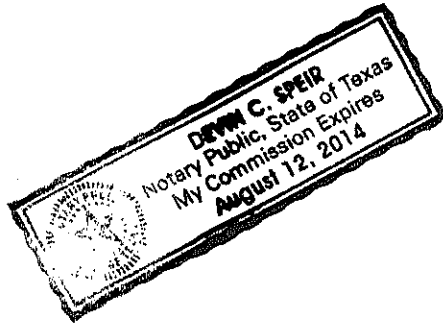
§

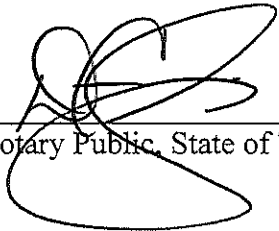
§

COUNTY OF TARRANT

§

This foregoing instrument was acknowledged before me on the 4<sup>th</sup> day of November 2010, by Sandra S Owen.

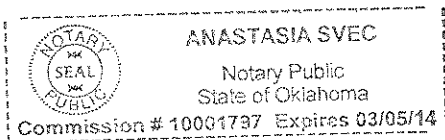


  
\_\_\_\_\_  
Notary Public, State of Texas

ACKNOWLEDGMENTS

STATE OF OKLAHOMA §  
§  
COUNTY OF OKLAHOMA §

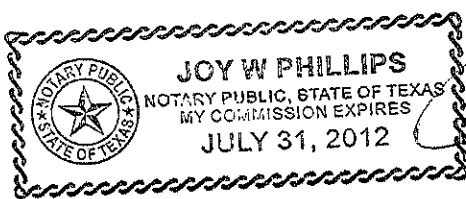
The foregoing instrument was acknowledged before me on the 22<sup>nd</sup> day of December, 2010, by Henry J. Hood, Sr. Vice President – Land and Legal & General Counsel, on behalf of CHESAPEAKE EXPLORATION, L.L.C.



Anastasia Svec  
Notary Public in and for The State of OKLAHOMA

STATE OF TEXAS §  
§  
COUNTY OF HARRIS §

The foregoing instrument was acknowledged before me this 11<sup>th</sup> day of January, 2010, by Eric Bonnin as Vice President – Business Development and Strategy of TOTAL E&P USA, INC., a Delaware corporation, as the act and deed and behalf of such corporation.



Joy W Phillips  
Notary Public in and for The State of TEXAS